Amendments to the Claims:

Please amend the claims as follows:

What is claimed is:

1. (Currently Amended) A compound of Formula (I):

$$R^{2}$$
 R^{3}
 R^{1}
 R^{1}
 R^{2}
 R^{3}
 R^{3}

or a salt, solvate, or physiologically functional derivative thereof: wherein:

A is selected from the group consisting of ethene-1,2-diyl, propene-1,3,diyl, butene-1,4-diyl, ethyne-1,2-diyl, and propyne-1,3,diyl, C₄-C₄-alkenylene or C₁-C₄-alkynylene;

R is C₁-C₄ alkylene;

 R^1 is the group defined by $-(Z)-(Z^1)_m-(Z^2)_n$, wherein

Z is aryl, heteroaryl, heteroarylene, or arylene,

Z¹ is C(H)₂, where m is 0 or 1,

 Z^2 is OR', -SR', -N(R')R", halo, C₁-C₃ alkyl, -CN, -C(O)R', -C(O)N(R')R", or heterocyclyl, where n is 0 or 1;

R' is -H or C_1-C_3 alkyl;

R" is –H, -C(O)R", -C(S)R", -ROR", -C(=NH)N(R')R", C₁-C₃ alkyl, C₁-C₃ hydroxyalkyl, cyanoalkyl, -S(O)2R", -RS(O)₂R", -C(O)N(R')R", -C(O)N(R')R^a, -C(O)RS(O)₂R", -C(O)ROROR", -C(O)RSR", -C(O)RNR'R", -C(O)RC(O)OR", -RN(R')RN(R')C(O)R", heterocyclyl, or aralkyl;

R"' is C_1 - C_3 alkyl, C_1 - C_3 haloalkyl, C_1 - C_3 hydroxyalkyl, cyanoalkyl, or aryl; R^a is -RS(O)₂R', aralkyl, or -ROR'''; R^2 is -H or C_1 - C_3 alkyl;

 R^3 is the group defined by $-(Q)-(Q^1)-(Q^2)$, wherein

Q is arylene or heteroarylene

Q1 is O, where r is 0 or 1, and

Q² is aralkyl, heteroaryl, or aryl.

2. (Currently Amended) A compound of Formula (I):

$$R^{1}$$
 N
 N
 N
 N
 N

or a salt, solvate, or physiologically functional derivative thereof:

wherein:

A is C≡C;

R is C₁-C₄ alkylene;

 R^1 is the group defined by $-(Z)-(Z^1)_m-(Z^2)_n$, wherein

Z is aryl, heteroaryl, heteroarylene, or arylene,

 Z^1 is $C(H)_2$, where m is 0 or 1,

 Z^2 is OR', -SR', -N(R')R", halo, C_1 - C_3 alkyl, -CN, -C(O)R', -C(O)N(R')R", or heterocyclyl, where n is 0 or 1;

R' is -H or C₁-C₃ alkyl;

R" is –H, -C(O)R", -C(S)R", -ROR", -C(=NH)N(R')R", C₁-C₃ alkyl, C₁-C₃ hydroxyalkyl, cyanoalkyl, -S(O)2R", -RS(O)₂R", -C(O)N(R')R", -C(O)N(R')R^a, -C(O)RS(O)₂R", -C(O)ROROR", -C(O)RSR", -C(O)RNR'R", -C(O)RC(O)OR", -RN(R')RN(R')C(O)R", heterocyclyl, or aralkyl;

R''' is C_1 - C_3 alkyl, C_1 - C_3 haloalkyl, C_1 - C_3 hydroxyalkyl, cyanoalkyl, or aryl; R^a is -RS(O)₂R', aralkyl, or -ROR'''; R^2 is -H or C_1 - C_3 alkyl;

R³ is the group defined by -(Q)-(Q¹)_r-(Q²), wherein

Q is arylene or heteroarylene

Q1 is O, where r is 0 or 1, and

Q² is aralkyl, heteroaryl, or aryl.

- 3. (Currently Amended) A compound as claimed in claim 1, wherein A is ethyne-1,2-diyl or propyne-1,3,diyl C₄-C₄-alkynylene.
- 4. (Previously Presented) A compound as claimed in claim 1, wherein A is C≡C.
- 5. (Original) A compound as claimed in claim 1, wherein A is selected from ethene-1,2-diyl, propene-1,3,diyl, and butene-1,4-diyl-C₁-C₄-alkenylene.
- 6. (Original) A compound as claimed in claim 1, wherein A is C=C.
- 7. (Original) A compound as claimed in claim 1, wherein Z is heteroaryl and m and n are each 0.
- 8. (Currently Amended) A compound as claimed in claim 1, wherein Z is [[is]] selected from

- 9. (Original) A compound as claimed in claim 1, wherein Z is heteroarylene, m is 0 or 1 and n is 1.
- 10. (Original) A compound as claimed in claim 1, wherein Z is selected from

- 11. (Original) A compound as claimed in claim 1, wherein Z is aryl, and m and n are each 0.
- 12. (Original) A compound as claimed in claim 1, wherein Z is

m and n are 0.

- 13. (Original) A compound as claimed in claim 1, wherein Z is arylene, m is 0 or 1 and n is 1.
- 14. (Original) A compound as claimed in claim 1, wherein Z is

15. (Original) A compound as claimed in claim 1, wherein R² is -H.

- 16. (Original) A compound as claimed in claim 1, wherein R^2 is C_1 - C_3 alkyl. 17 20. (Cancelled)
- 21. (Currently Amended) A compound as claimed in claim 1 selected from the group consisting of:
- 2-benzyl-N-{5-[(E)-2-phenylethenyl]pyrimidin-4-yl}-1H-benzimidazol-5-amine;
- 2-benzyl-N-{5-[(E)-2-thien-3-ylethenyl]pyrimidin-4-yl}-1H-benzimidazol-5-amine;
- $2-benzyl-N-\{5-[(E)-2-(1H-pyrazol-4-yl)ethenyl]pyrimidin-4-yl\}-1H-benzimidazol-5-amine;\\$
- 3-((*E*)-2-{4-[(2-benzyl-1*H*-benzimidazol-5-yl)amino]pyrimidin-5-yl}ethenyl)-*N*-methylbenzamide;
- 2-benzyl-N-{5-[(E)-2-thien-3-ylethenyl]pyrimidin-4-yl}-1,3-benzothiazol-5-amine;
- 1-benzyl-N-{5-[(E)-2-pyridin-3-ylethenyl]pyrimidin-4-yl}-1H-indazol-5-amine;
- 1-benzyl-N-{5-[(E)-2-pyridin-4-ylethenyl]pyrimidin-4-yl}-1H-indazol-5-amine;
- $2-((E)-2-\{4-[(1-benzyl-1H-indazol-5-yl)amino]pyrimidin-5-yl\}ethenyl)pyridin-3-ol;$
- $1-benzyl-N-\{5-[(E)-2-(1H-pyrazol-4-yl)ethenyl]pyrimidin-4-yl\}-1H-indazol-5-amine;\\$
- N-{5-[(E)-2-(2-aminopyrimidin-5-yl)ethenyl]pyrimidin-4-yl}-1-benzyl-1H-indazol-5-amine;
- $N-[3-((E)-2-\{4-[(1-benzyl-1H-indazol-5-yl)amino]pyrimidin-5-yl\}ethenyl)phenyl]acetamide;$
- N-(4-phenoxyphenyl)-5-[(E)-2-phenylethenyl]pyrimidin-4-amine;
- N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-[(E)-2-pyridin-3-ylethenyl]pyrimidin-4-amine;

 $N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-[(E)-2-pyridin-4-ylethenyl]pyrimidin-4-amine;$

2-{(*E*)-2-[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino) pyrimidin-5-yl]ethenyl} pyridin-3-ol;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-[(E)-2-thien-2-ylethenyl]pyrimidin-4-amine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-[(E)-2-thien-3-ylethenyl]pyrimidin-4-amine;

5-{(*E*)-2-[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino) pyrimidin-5-yl]ethenyl} pyrimidin-2-amine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-[(E)-2-(1H-pyrazol-4-yl)ethenyl]pyrimidin-4-amine;

N-(3-{(E)-2-[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino) pyrimidin-5-yl] ethenyl) phenyl) acetamide;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-[(*E*)-2-(3,4-dimethoxyphenyl) ethenyl]pyrimidin-4-amine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-[(E)-2-phenylethenyl] pyrimidin-4-amine;

 $N-(5-\{(E)-2-[4-(\{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl\}amino) pyrimidin-5-yl] ethenyl} pyridin-2-yl)acetamide;$

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-(thien-2-ylethynyl) pyrimidin-4-amine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-(pyridin-3-ylethynyl)pyrimidin-4-amine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-[(1-methyl-1*H*-imidazol-5-yl)ethynyl]pyrimidin-4-amine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-(1H-pyrazol-4-ylethynyl)pyrimidin-4-amine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-(pyrimidin-5-ylethynyl)pyrimidin-4-amine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-(1,3-thiazol-2-ylethynyl)pyrimidin-4-amine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-(thien-3-ylethynyl)pyrimidin-4-amine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-[(2-morpholin-4-ylpyrimidin-4-yl)ethynyl]pyrimidin-4-amine;

N-(3-chloro-4-{[(3-fluorophenyl)methyl]oxy}phenyl)-5-(2-pyrimidinylethynyl)-4-pyrimidinamine;

5-[(6-amino-3-pyridinyl)ethynyl]-N-(3-chloro-4-{[(3-fluorophenyl) methyl]oxy} phenyl)-4-pyrimidinamine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-[(3-fluorophenyl) ethynyl]pyrimidin-4-amine;

4-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}phenol;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-[(6-methoxypyridin-2-yl)ethynyl]pyrimidin-4-amine;

5-[(3-aminophenyl)ethynyl]-*N*-{3-chloro-4-[(3-fluorobenzyl)oxy] phenyl}pyrimidin-4-amine;

N-(3-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}phenyl)acetamide;

N-(3-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}phenyl)ethanethioamide;

2-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}benzonitrile;

3-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}benzonitrile;

3-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}benzaldehyde;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-(phenylethynyl) pyrimidin-4-amine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-(pyridin-2-ylethynyl)pyrimidin-4-amine;

5-[(4-aminophenyl)ethynyl]-*N*-{3-chloro-4-[(3-fluorobenzyl)oxy] phenyl}pyrimidin-4-amine;

N-(3-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}phenyl)-3-(methylthio)propanamide;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-({1-[(4-methylphenyl) sulfonyl]-1*H*-indol-6-yl}ethynyl)pyrimidin-4-amine;

tert-butyl-3-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino) pyrimidin-5-yl]ethynyl}benzylcarbamate;

N-(3-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}phenyl)guanidine;

N-(3-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}benzyl)acetamide;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-{[3-({[2-(methylsulfonyl)ethyl]amino}methyl)phenyl]ethynyl}pyrimidin-4-amine;

5-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}-2-furaldehyde;

3-{[(5-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}-2-furyl)methyl]amino)propanenitrile;

(5-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}-2-furyl)methanol;

(4-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}-1,3-thiazol-2-yl)methanol;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-(1,2,3,4-tetrahydro-isoquinolin-7-ylethynyl)pyrimidin-4-amine;

2-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}benzaldehyde;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-{[5-({[2-(methylsulfonyl)ethyl]amino}methyl)-2-furyl]ethynyl}pyrimidin-4-amine;

N-(3-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}phenyl)-2-(2-methoxyethoxy)acetamide;

N-[3-({4-[(2-benzyl-1*H*-benzimidazol-5-yl)amino]pyrimidin-5-yl}ethynyl) phenyl]acetamide;

 N^1 -(3-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}phenyl)- β -alaninamide;

N-(3-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}phenyl)-2-(methylsulfonyl)acetamide;

N-[3-({4-[(4-benzylphenyl)amino]pyrimidin-5-yl}ethynyl)phenyl]-acetamide;

N-[3-({4-[(4-phenoxyphenyl)amino]pyrimidin-5-yl}ethynyl)phenyl] acetamide;

N-[3-({4-[(1-benzyl-1*H*-indazol-5-yl)amino]pyrimidin-5-yl}ethynyl) phenyl]acetamide;

1-benzyl-N-[5-(phenylethynyl)pyrimidin-4-yl]-1H-indol-5-amine;

5-[(6-amino-2-pyridinyl)ethynyl]-N-(3-chloro-4-{[(3-fluorophenyl) methyl]oxy}phenyl)-4-pyrimidinamine;

N-{6-[2-(4-{3-chloro-4-[(3-fluorobenzyl)oxy]anilino}-5-pyrimidinyl) ethynyl]-2-pyridinyl} acetamide;

2-chloro-*N*-{6-[(4-{3-chloro-4-[(3-fluorobenzyl)oxy]anilino}-5-pyrimidinyl)ethynyl]-2-pyridinyl}-2,2-difluoroacetamide;

N-{6-[(4-{3-chloro-4-[(3-fluorobenzyl)oxy]anilino}-5-pyrimidinyl) ethynyl]-2-pyridinyl}-4-(dimethylamino)butanamide;

methyl 4-({6-[(4-{3-chloro-4-[(3-fluorobenzyl)oxy]anilino}-5-pyrimidinyl)ethynyl]-2-pyridinyl}amino)-4-oxobutanoate;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-[(6-{[2-(methylsulfonyl)ethyl]amino}-2-pyridinyl)ethynyl}-4-pyrimidinamine;

{6-[(4-{3-chloro-4-[(3-fluorobenzyl)oxy]anilino}-5-pyrimidinyl)ethynyl]-2-pyridinyl}methanol;

2-[({6-[(4-{3-chloro-4-[(3-fluorobenzyl)oxy]anilino}-5-pyrimidinyl)ethynyl]-2-pyridinyl}methyl)(methyl)amino]ethanol;

3-[({6-[(4-{3-chloro-4-[(3-fluorobenzyl)oxy]anilino}-5-pyrimidinyl) ethynyl]-2-pyridinyl} methyl)amino]propanenitrile;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-{[6-({[2-(4-morpholinyl)ethyl]amino}methyl)-2-pyridinyl]ethynyl}-4-pyrimidinamine;

N-{2-[({6-[2-(4-{3-chloro-4-[(3-fluorobenzyl)oxy]anilino}-5-pyrimidinyl)ethynyl]-2-pyridinyl}methyl)amino]ethyl}acetamide;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-{[6-({[3-(1*H*-imidazol-1-yl)propyl]amino}methyl)-2-pyridinyl]ethynyl}-4-pyrimidinamine;.

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-({6-[(methylamino) methyl]-2-pyridinyl} ethynyl)-4-pyrimidinamine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-{[6-(methoxymethyl)-2-pyridinyl]ethynyl}-4-pyrimidinamine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-{[2-(methylsulfanyl)-4-pynmidinyl]ethynyl}-4-pyrimidinamine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-({6-[(dimethylamino) methyl]-2-pyridinyl} ethynyl)-4-pyrimidinamine;

N-benzyl-N-({6-[(4-{3-chloro-4-[(3-fluorobenzyl)oxy]anilino}-5-pyrimidinyl)ethynyl]-2-pyridinyl}methyl)amine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-[(6-{[(2-methoxyethyl)amino]methyl}-2-pyridinyl)ethynyl]-4-pyrimidinamine;

5-{[6-(aminomethyl)-2-pyridinyl]ethynyl}-N-{3-chloro-4-[(3-fluorobenzyl) oxy]phenyl}-4-pyrimidinamine;

N-({6-[(4-{3-chloro-4-[(3-fluorobenzyl)oxy]anilino}-5-pyrimidinyl) ethynyl]-2-pyridinyl} methyl)-N'-(2-cyanoethyl)urea;

N-({6-[(4-{3-chloro-4-[(3-fluorobenzyl)oxy]anilino}-5-pyrimidinyl)ethynyl]-2-pyridinyl}methyl)-N-(2-hydroxyethyl)-N-methylurea;

N-({6-[(4-{3-chloro-4-[(3-fluorobenzyl)oxy]anilino}-5-pyrimidinyl)ethynyl]-2-pyridinyl}methyl)-N'-[2-(methylsulfonyl)ethyl]urea;

N-({6-[(4-{3-chloro-4-[(3-fluorobenzyl)oxy]anilino}-5-pyrimidinyl)ethynyl]-2-pyridinyl}methyl)-*N*-[2-(4-morpholinyl)ethyl]urea:

N-({6-[(4-{3-chloro-4-[(3-fluorobenzyl)oxy]anilino}-5-pyrimidinyl)ethynyl]-2-pyridinyl}methyl)-*N*-methylurea;

N-({6-[(4-{3-chloro-4-[(3-fluorobenzyl)oxy]anilino}-5-pyrimidinyl)ethynyl]-2-pyridinyl}methyl)-N-(2-methoxyethyl)urea;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-{[6-(1-piperidinylmethyl)-2-pyridinyl]ethynyl}-4-pyrimidinamine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-({6-[(4-methyl-1-piperazinyl)methyl]-2-pyridinyl}ethynyl)-4-pyrimidinamine;.

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-{[6-(4-morpholinyl-methyl)-2-pyridinyl]ethynyl}-4-pyrimidinamine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-{[6-(1-pyrrolidinyl-methyl)-2-pyridinyl]ethynyl}-4-pyrimidinamine;

N-{3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}-5-{[6-(1-piperazinylmethyl)-2-pyridinyl]ethynyl}-4-pyrimidinamine;

4-amino-2-{[4-({3-chloro-4-[(4-fluorobenzyl)oxy]phenyl}amino) pyrimidin-5-yl] ethynyl} pyrimidine-5-carbonitrile;

2-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}-4-{[2-(methylsulfonyl)ethyl]amino}pyrimidine-5-carbonitrile;

4-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}pyrimidin-2-amine; and

N-(6-{[4-({3-chloro-4-[(3-fluorobenzyl)oxy]phenyl}amino)pyrimidin-5-yl]ethynyl}pyridin-2-yl)-2,2;2-trifluoroacetamide;

and salts or a salt, solvate, or physiologically functional derivative thereof.

- 22. (Currently Amended) A pharmaceutical composition, comprising: a therapeutically effective amount of a compound as claimed in any one of claim 1, or a salt, solvate, or a physiologically functional derivative thereof and one or more of pharmaceutically acceptable carriers, diluents and excipients.
- 23. (Currently Amended) A method of treating <u>non-small cell lung cancer</u> a disorder in a mammal, said disorder being mediated by inappropriate activity of at least one orbB family kinase, <u>said method</u> comprising: administering to said mammal a therapeutically effective amount of a compound as claimed in claim 1, or a salt, <u>solvate or a physiologically functional derivative</u> thereof.

24 - 27. (Cancelled)